

United States Department of Agriculture National Agricultural Statistics Service

Montana Wheat Varieties 2007



Cooperating with the Montana Department of Agriculture 10 W 15th Street, Suite 3100 · Helena, MT 59626

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WINTER WHEAT

Genou is the top winter wheat variety planted in Montana, and it jumped from the thirteenth position in 2006 to first this year. Farmers planted 353,400 acres of the variety, up significantly from last year's acreage of 42,600. The variety accounts for 16.1 percent of the state's acreage total, and it was released by Montana State University in 2004. Genou is a solid-stem hard red winter wheat with enhanced yield potential and cold tolerance in comparison to Rampart. Test weight, maturity, height, and protein qualities are similar to Rampart and Vanguard varieties. Genou is resistant to the wheat stem sawfly.

CDC Falcon stays in second this year with 295,800 acres planted or 13.4 percent of the total winter wheat acreage in the state. The acreage is up from last year's 212,100 acres. CDC Falcon is a semi-dwarf, hard red, winter wheat developed by the Crop Development Center in Saskatoon, Saskatchewan and was registered in 1998. It is a high yielding wheat with a short strong straw, good winter-hardiness, and a resistance to stem and leaf rust. This variety has shown average to above average yields on dryland and good performance for irrigated fields.

Rampart falls from the first most common winter wheat variety planted in 2006 to the third most common seeded in 2007 with 212,700 acres. It accounts for 9.7 percent of the state's planted acreage. Rampart is a hard red winter wheat developed by the Montana Agricultural Experiment Station and released in 1996. It is an awned, red-chaffed, solid-stemmed variety. Kernels are hard red, with a mid-sized germ. Rampart is resistant to the wheat stem sawfly and to prevalent races of stem rust. It is susceptible to stripe rust, leaf rust, dwarf smut, and the Russian wheat aphid. Rampart has excellent milling and baking qualities.

Neeley is the fourth leading variety of winter wheat planted with 167,800 acres or 7.6 percent of all acres seeded. Neeley was developed by the Agricultural Research Service, United States Department of Agriculture (USDA) in cooperation with the Idaho Agricultural Experiment Station and released in 1980. It is a semi-dwarf variety with intermediate maturity and is vulnerable to sawfly and stem rust. This variety is sensitive to low moisture conditions and generally has one to three percent lower protein than most hard red winter wheats.

The top four varieties listed above account for 46.8 percent of the winter wheat acreage seeded in Montana for harvest in 2007. The top four varieties seeded for 2006 (Rampart, CDC Falcon, Neeley, and Tiber) accounted for 46.5 percent of the total.

SPRING WHEAT

Reeder is the top spring wheat variety planted this year with 667,500 acres planted or 26.2 percent of all spring wheat planted in Montana. This is the second year in a row this variety has been at the top of the list. Last year 813,100 acres were planted to the variety. It was developed by the North Dakota Agricultural Experiment Station and released in 1999. Reeder is an awned, semidwarf hard red spring wheat resistant to upper Midwest stem and leaf rust. It was developed from a cross of a relative of Stoa and germplasm from Brazil. Its stay-green trait allows for a longer grain-fill period and a higher yield.

Choteau rises to second with 594,100 acres planted this year, accounting for 23.3 percent of Montana's spring wheat acres. Last year 487,100 acres were seeded to the variety. Choteau was developed by the Montana Agricultural Experiment Station in 2003. It is a semi-dwarf, hard red spring wheat with solid stems which lends tolerance to the wheat stem sawfly. The spike is lax and tapered with white awns and glumes. Kernels are red ovate with a medium crease and brush. Choteau is resistant to the prevalent stem rust in Montana and is tolerant to the Hessian fly. Yields are similar to McNeal in Montana.

McNeal is the third most common planted variety across the state this year with 368,900 acres planted or 14.5 percent of all acres seeded. McNeal was developed by the Montana Agricultural Experiment Station and released in March 1995. It is a semi-dwarf, hard red, spring wheat with red chaff and tan straw. Under Montana growing conditions, McNeal is moderately resistant to lodging and to prevalent races of stem rust and wheat streak mosaic virus. It is somewhat susceptible to leaf rust and stripe rust, and is also fairly vulnerable to Russian wheat aphid and the wheat stem sawfly. McNeal has shown above average yields similar to Reeder and Choteau.

Conan is the fourth leading variety for the fourth year in a row with 140,900 acres seeded, or 5.5 percent of the state's spring wheat acreage. Conan was developed by the Western Plant Breeders and released in 1997. It is a white chaffed, semi-dwarf, sawfly tolerant, hard red spring wheat. It is resistant to prevalent races of stripe rust and leaf rust, and has shown good tolerance to septoria and tan spot. It is similar in yield and appearance to Westbred Rambo.

The top four varieties listed above account for 69.5 percent of the spring wheat acreage seeded for harvest in 2007. The top four varieties seeded in 2006 (Reeder, McNeal, Choteau, and Conan) accounted for 72.2 percent of the total crop acreage.

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DURUM WHEAT

Mountrail remains the top durum wheat variety in the state for the fourth year in a row with 221,300 acres seeded, or 41.8 percent of the durum wheat acreage. This year's acreage is up from the 210,500 acres planted in 2006. Mountrail was developed from the cross of D8479 and Renville by the North Dakota Agricultural Experiment Station and was released in 1999. The variety has a high semolina extract with strong gluten. It is resistant to both leaf and stem rusts. Mountrail has an above average yield, an average test weight, medium to large kernels, and average protein.

Kyle is in second place again this year. There were 77,900 acres seeded in the state, accounting for 14.7 percent of the total acres. Kyle was developed by the Agriculture Canada Research Station in Swift Current, Saskatchewan and released in 1984. Kyle is resistant to leaf and stem rust. It is moderately susceptible to tan spot and Septoria leaf spot and susceptible to loose smut. Kyle has the highest tolerance to color-loss from rainfall.

Lebsock is the third most common variety this year with 61,300 acres seeded, or 11.6 percent of the state's durum wheat acreage. Lebsock was developed by the North Dakota Agricultural Experiment Station in cooperation with the Agricultural Research Service, USDA, and was released in 1999. It has a moderate level of resistance to tan spot, but is fairly susceptible to Fusarium head blight. Lebsock is medium in height and maturity, and the variety has shown sensitivity to day length.

Alzada rises to the fourth leading durum wheat variety planted with 43,500 acres or 8.2 percent of Montana's durum wheat acreage. Developed by WestBred, LLC and released in 2004, Alzada is a semi-dwarf, sawfly tolerant, non day-length sensitive variety. It produces a bright yellow semolina from which high quality durum products can be made. This variety has an early maturity date and shows high yields with average test weights.

The top four varieties account for 76.3 percent of the total durum wheat acreage in the state for 2007. The top four varieties in 2006 (Mountrail, Kyle, Lebsock, and Pierce) accounted for 84.0 percent of the state's total durum wheat acreage.

| | | | Winter | Wheat: | 2007 See | eded Acr | eage an | d Percen | t of Tota | al Seede | d by Dis | tricts | | | | |
|---------------------|-----------|---------|------------|----------|------------|----------|---------|----------|-----------|----------|----------|---------|-------|-------|--------------------|-------|
| | North | west | North C | entral | Nortl | neast | Cen | tral | Sout | hwest | South | Central | Sout | heast | State ⁻ | Total |
| Variety 1/ | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % |
| Genou | 0.0 | 0.0 | 303.6 | 23.0 | 4.2 | 2.6 | 37.0 | 8.8 | 3.2 | 12.7 | 5.4 | 3.5 | 0.0 | 0.0 | 353.4 | 16.1 |
| CDC Falcon | 0.4 | 2.1 | 227.0 | 17.2 | 3.0 | 1.9 | 56.7 | 13.5 | 0.3 | 1.3 | 6.2 | 4.0 | 2.2 | 2.1 | 295.8 | 13.4 |
| Rampart | 0.1 | 0.7 | 198.0 | 15.0 | 6.2 | 3.9 | 3.4 | 0.8 | 0.0 | 0.0 | 4.2 | 2.7 | 0.8 | 0.8 | 212.7 | 9.7 |
| Neeley | 0.0 | 0.0 | 5.3 | 0.4 | 6.7 | 4.2 | 101.6 | 24.2 | 9.8 | 39.0 | 37.4 | 24.3 | 7.0 | 6.8 | 167.8 | 7.6 |
| Ledger | 0.0 | 0.0 | 105.6 | 8.0 | 0.0 | 0.0 | 22.7 | 5.4 | 1.4 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 129.7 | 5.9 |
| Morgan | 0.6 | 3.1 | 104.3 | 7.9 | 10.4 | 6.5 | 3.4 | 0.8 | 0.0 | 0.0 | 0.8 | 0.5 | 0.6 | 0.6 | 120.1 | 5.5 |
| Jaqalene | 0.0 | 0.0 | 27.7 | 2.1 | 1.9 | 1.2 | 59.2 | 14.1 | 0.0 | 0.0 | 22.6 | 14.7 | 6.5 | 6.3 | 117.9 | 5.4 |
| Tiber | 0.0 | 0.0 | 31.7 | 2.4 | 23.0 | 14.4 | 7.6 | 1.8 | 0.9 | 3.4 | 6.6 | 4.3 | 34.9 | 33.9 | 104.7 | 4.8 |
| Rocky | 0.0 | 0.0 | 85.8 | 6.5 | 3.7 | 2.3 | 7.6 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 97.1 | 4.4 |
| Pryor | 0.0 | 0.0 | 42.2 | 3.2 | 0.5 | 0.3 | 39.9 | 9.5 | 2.5 | 10.1 | 8.3 | 5.4 | 3.6 | 3.5 | 97.0 | 4.4 |
| Yellowstone | 0.3 | 1.7 | 26.4 | 2.0 | 52.0 | 32.5 | 5.0 | 1.2 | 1.0 | 3.8 | 0.9 | 0.6 | 0.2 | 0.2 | 85.8 | 3.9 |
| Promontory | 8.4 | 46.5 | 0.0 | 0.0 | 3.2 | 2.0 | 32.3 | 7.7 | 0.6 | 2.2 | 12.6 | 8.2 | 0.7 | 0.7 | 57.8 | 2.6 |
| Vanguard | 2.7 | 14.9 | 22.4 | 1.7 | 0.0 | 0.0 | 4.6 | 1.1 | 0.0 | 0.0 | 0.8 | 0.5 | 0.0 | 0.0 | 30.5 | 1.4 |
| Big Sky | 0.0 | 0.0 | 29.0 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.0 | 1.3 |
| Redwin | 0.0 | 0.0 | 7.9 | 0.6 | 0.5 | 0.3 | 0.4 | 0.1 | 0.0 | 0.0 | 9.1 | 5.9 | 9.7 | 9.4 | 27.6 | 1.3 |
| Nuwest ** | 0.0 | 0.0 | 14.5 | 1.1 | 0.0 | 0.0 | 1.3 | 0.3 | 0.0 | 0.0 | 2.5 | 1.6 | 0.0 | 0.0 | 18.3 | 0.8 |
| Winalta | 0.0 | 0.0 | 4.0 | 0.3 | 7.2 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.2 | 6.0 | 17.4 | 0.8 |
| Nufrontier ** | 0.0 | 0.0 | 15.8 | 1.2 | 0.0 | 0.0 | 1.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.1 | 0.8 |
| Big Horn | 0.0 | 0.0 | 2.6 | 0.2 | 4.0 | 2.5 | 9.2 | 2.2 | 0.0 | 0.0 | 0.5 | 0.3 | 0.8 | 0.8 | 17.1 | 0.8 |
| Jerry | 0.0 | 0.0 | 0.0 | 0.0 | 10.9 | 6.8 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.1 | 16.6 | 0.7 |
| Tomahawk | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.2 | 0.0 | 0.0 | 13.1 | 8.5 | 0.0 | 0.0 | 13.9 | 0.6 |
| Judith | 0.0 | 0.0 | 13.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.2 | 0.6 |
| Quantum 542 | 0.0 | 0.0 | 9.2 | 0.7 | 0.0 | 0.0 | 1.3 | 0.3 | 0.0 | 0.0 | 1.1 | 0.7 | 0.0 | 0.0 | 11.6 | 0.5 |
| Other & Unknown | 5.5 | 31.0 | 43.8 | 3.3 | 22.6 | 14.1 | 24.3 | 5.8 | 5.3 | 22.0 | 21.9 | 14.3 | 24.5 | 23.8 | 147.9 | 6.7 |
| All Varieties | 18.0 | 100.0 | 1,320.0 | 100.0 | 160.0 | 100.0 | 420.0 | 100.0 | 25.0 | 100.0 | 154.0 | 100.0 | 103.0 | 100.0 | 2,200.0 | 100.0 |
| 1/ Hard red variety | unless of | herwise | noted. **W | hite whe | at variety | у. | | | | • | | | • | - | | • |

| | Spring Wheat: 2007 Seeded Acreage and Percent of Total Seeded by Districts | | | | | | | | | | | | | | | |
|---------------------|--|----------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------|-------|-------|---------|-------|
| | North | west | North (| Central | North | east | Cer | tral | Soutl | hwest | South | Central | Sout | heast | State 7 | Total |
| Variety 1/ | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % |
| Reeder | 2.3 | 6.7 | 31.0 | 3.3 | 571.4 | 49.9 | 30.3 | 16.4 | 0.0 | 0.0 | 12.4 | 14.6 | 20.1 | 18.3 | 667.5 | 26.2 |
| Choteau | 0.1 | 0.4 | 403.3 | 42.9 | 147.7 | 12.9 | 19.6 | 10.6 | 4.0 | 7.9 | 12.2 | 14.3 | 7.2 | 6.5 | 594.1 | 23.3 |
| McNeal | 0.6 | 1.8 | 51.7 | 5.5 | 191.2 | 16.7 | 42.6 | 23.0 | 11.5 | 22.9 | 35.4 | 41.6 | 35.9 | 32.6 | 368.9 | 14.5 |
| Conan | 0.0 | 0.0 | 135.4 | 14.4 | 4.6 | 0.4 | 0.9 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 140.9 | 5.5 |
| Fortuna | 0.0 | 0.0 | 93.1 | 9.9 | 9.2 | 0.8 | 13.0 | 7.0 | 0.0 | 0.0 | 3.3 | 3.9 | 0.0 | 0.0 | 118.6 | 4.6 |
| Ernest | 0.0 | 0.0 | 54.5 | 5.8 | 21.8 | 1.9 | 4.4 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 1.2 | 82.0 | 3.2 |
| Corbin | 0.0 | 0.0 | 55.5 | 5.9 | 0.0 | 0.0 | 5.6 | 3.0 | 0.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 61.3 | 2.4 |
| Hank | 10.3 | 29.3 | 4.7 | 0.5 | 5.7 | 0.5 | 14.4 | 7.8 | 3.2 | 6.4 | 11.9 | 14.0 | 0.1 | 0.1 | 50.3 | 2.0 |
| Amidon | 0.0 | 0.0 | 4.7 | 0.5 | 34.4 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.9 | 40.1 | 1.6 |
| Scholar | 0.0 | 0.0 | 8.5 | 0.9 | 16.0 | 1.4 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 8.6 | 7.8 | 33.3 | 1.3 |
| Westbred 936 | 6.0 | 17.2 | 6.6 | 0.7 | 0.0 | 0.0 | 3.9 | 2.1 | 8.1 | 16.2 | 0.0 | 0.0 | 0.0 | 0.0 | 24.6 | 1.0 |
| Parshall | 0.1 | 0.2 | 0.0 | 0.0 | 20.6 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 1.3 | 22.1 | 0.9 |
| NorPro | 0.0 | 0.0 | 0.0 | 0.0 | 10.3 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.4 | 6.4 | 5.8 | 17.9 | 0.7 |
| Outlook | 0.0 | 0.0 | 9.4 | 1.0 | 5.7 | 0.5 | 0.9 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.0 | 0.6 |
| Glenn | 0.0 | 0.0 | 0.0 | 0.0 | 14.9 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.9 | 0.6 |
| Freyr | 0.0 | 0.0 | 0.9 | 0.1 | 5.7 | 0.5 | 1.1 | 0.6 | 4.8 | 9.6 | 0.0 | 0.0 | 2.3 | 2.1 | 14.8 | 0.6 |
| Westbred 926 | 0.9 | 2.6 | 0.9 | 0.1 | 0.0 | 0.0 | 6.5 | 3.5 | 1.7 | 3.4 | 0.3 | 0.4 | 2.3 | 2.1 | 12.6 | 0.5 |
| Gunner | 0.1 | 0.3 | 0.0 | 0.0 | 11.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.6 | 0.4 |
| Westbred Rambo | 0.0 | 0.0 | 9.4 | 1.0 | 1.1 | 0.1 | 0.9 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.4 | 0.4 |
| Lew | 0.0 | 0.0 | 9.4 | 1.0 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.9 | 0.8 | 10.9 | 0.4 |
| Other & Unknown | 14.6 | 41.5 | 61.0 | 6.5 | 73.2 | 6.4 | 40.3 | 21.8 | 16.5 | 33.3 | 8.1 | 9.6 | 22.5 | 20.5 | 236.2 | 9.3 |
| All Varieties | 35.0 | 100.0 | 940.0 | 100.0 | 1,145.0 | 100.0 | 185.0 | 100.0 | 50.0 | 100.0 | 85.0 | 100.0 | 110.0 | 100.0 | 2,550.0 | 100.0 |
| 1/ Hard red variety | unless o | therwise | noted. | | | | | | | | | | | | | |

| Durui | m Wheat: 20 | 07 Seeded | Acreage an | d Percent of | of Total See | ded by Dist | tricts | |
|-----------------|-------------|-----------|------------|--------------|--------------|-------------|--------|-------|
| | North C | entral | North | east | Other D | istricts | State | Total |
| Variety | (000) | % | (000) | % | (000) | % | (000) | % |
| Mountrail | 0.0 | 0.0 | 221.3 | 48.0 | 0.0 | 0.0 | 221.3 | 41.8 |
| Kyle | 1.8 | 3.5 | 76.1 | 16.5 | 0.0 | 0.0 | 77.9 | 14.7 |
| Lebsock | 0.0 | 0.0 | 61.3 | 13.3 | 0.0 | 0.0 | 61.3 | 11.6 |
| Alzada | 36.6 | 70.4 | 6.9 | 1.5 | 0.0 | 0.0 | 43.5 | 8.2 |
| Pierce | 0.0 | 0.0 | 26.3 | 5.7 | 0.0 | 0.0 | 26.3 | 5.0 |
| Dilse | 0.0 | 0.0 | 13.8 | 3.0 | 0.0 | 0.0 | 13.8 | 2.6 |
| Grande D'Oro | 0.0 | 0.0 | 9.2 | 2.0 | 0.0 | 0.0 | 9.2 | 1.7 |
| Ward | 0.0 | 0.0 | 7.8 | 1.7 | 0.0 | 0.0 | 7.8 | 1.5 |
| Monroe | 0.0 | 0.0 | 6.5 | 1.4 | 0.0 | 0.0 | 6.5 | 1.2 |
| Strongfield | 0.0 | 0.0 | 6.5 | 1.4 | 0.0 | 0.0 | 6.5 | 1.2 |
| AC Avonlea | 0.0 | 0.0 | 5.1 | 1.1 | 0.0 | 0.0 | 5.1 | 1.0 |
| Divide | 0.0 | 0.0 | 3.7 | 0.8 | 0.0 | 0.0 | 3.7 | 0.7 |
| Grenora | 0.0 | 0.0 | 2.8 | 0.6 | 0.0 | 0.0 | 2.8 | 0.5 |
| Vic | 0.0 | 0.0 | 1.8 | 0.4 | 0.0 | 0.0 | 1.8 | 0.3 |
| Crosby | 0.0 | 0.0 | 0.9 | 0.2 | 0.0 | 0.0 | 0.9 | 0.2 |
| Other & Unknown | 13.6 | 26.1 | 11.0 | 2.4 | 17.0 | 100.0 | 41.6 | 7.8 |
| All Varieties | 52.0 | 100.0 | 461.0 | 100.0 | 17.0 | 100.0 | 530.0 | 100.0 |

| | | | Percent of | Total Seeded | Acreage | | | Seeded Acres | (000) |
|-----------------|-------|-------|------------|--------------|---------|---------|-------|--------------|--------|
| Variety 1/ | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 2/ | 2007 | 2006 2/ | 2007 |
| Genou | | | | | | 2.2 | 16.1 | 42.6 | 353.4 |
| CDC Falcon | | | | 1.8 | 3.9 | 10.9 | 13.4 | 212.1 | 295.8 |
| Rampart | 15.9 | 19.6 | 25.7 | 28.6 | 24.8 | 19.2 | 9.7 | 374.6 | 212.7 |
| Neeley | 22.6 | 19.9 | 16.8 | 15.4 | 12.6 | 9.3 | 7.6 | 182.0 | 167.8 |
| Ledger | | | | | | 2.4 | 5.9 | 47.5 | 129.7 |
| Morgan | 10.0 | 7.3 | 7.3 | 7.6 | 7.4 | 7.1 | 5.5 | 138.5 | 120.1 |
| Jaqalene | | | | | 1.5 | 6.2 | 5.4 | 120.1 | 117.9 |
| Tiber | 10.9 | 11.2 | 9.5 | 9.3 | 10.0 | 7.1 | 4.8 | 138.7 | 104.7 |
| Rocky | 8.9 | 11.1 | 8.0 | 6.0 | 7.6 | 7.1 | 4.4 | 138.4 | 97.1 |
| Pryor | | | | 0.6 | 1.7 | 3.3 | 4.4 | 64.6 | 97.0 |
| Yellowstone | | | | | | | 3.9 | | 85.8 |
| Promontory | 0.5 | | 1.3 | 0.8 | 1.5 | 3.5 | 2.6 | 68.1 | 57.8 |
| Vanguard | 6.7 | 9.1 | 6.8 | 7.6 | 6.8 | 2.9 | 1.4 | 55.8 | 30.5 |
| Big Šky | | | | 0.9 | 0.7 | 2.7 | 1.3 | 53.0 | 29.0 |
| Redwin | 4.0 | 5.0 | 3.0 | 2.4 | 2.5 | 1.7 | 1.3 | 33.1 | 27.6 |
| Nuwest ** | 1.7 | 0.9 | 1.0 | 0.6 | 0.9 | 0.5 | 8.0 | 10.7 | 18.3 |
| Winalta | 2.1 | 0.9 | 1.2 | 0.7 | 1.4 | 1.0 | 0.8 | 19.6 | 17.4 |
| Big Horn | 3.0 | 1.7 | 1.8 | 2.1 | 1.1 | 0.4 | 0.8 | 8.6 | 17.1 |
| Nufrontier ** | | | 1.5 | 1.2 | 0.7 | 0.6 | 0.8 | 11.2 | 17.1 |
| Jerry | | | | | | | 0.7 | | 16.6 |
| Tomahawk | 1.2 | 0.9 | 0.5 | 1.6 | 1.6 | 0.7 | 0.6 | 13.9 | 13.9 |
| Judith | 0.3 | 0.5 | | 1.3 | 1.3 | 1.0 | 0.6 | 19.6 | 13.2 |
| Quantum 542 | 2.0 | 1.0 | 1.0 | 0.6 | 1.0 | 0.6 | 0.5 | 12.4 | 11.6 |
| Prowers 99 | | 0.7 | 0.5 | | | 1.0 | | 18.7 | |
| Nuhorizon ** | | | | | | 0.5 | | 9.2 | |
| Other & Unknown | 10.2 | 10.2 | 14.1 | 10.9 | 11.0 | 8.1 | 6.7 | 157.0 | 147.9 |
| All Varieties | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1950.0 | 2200.0 |

| | | | Percent of | Total Seeded | Acreage | | | Seeded Acr | es (000) |
|-----------------|-------|-------|------------|--------------|---------|---------|-------|------------|----------|
| Variety 1/ | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 2/ | 2007 | 2006 2/ | 2007 |
| Reeder | 3.4 | 9.1 | 18.4 | 22.7 | 26.4 | 27.6 | 26.2 | 813.1 | 667.5 |
| Choteau | | | | | 1.5 | 16.5 | 23.3 | 487.1 | 594.1 |
| McNeal | 49.2 | 38.8 | 35.9 | 31.7 | 29.0 | 21.3 | 14.5 | 627.8 | 368.9 |
| Conan | 3.1 | 5.0 | 3.7 | 7.1 | 7.1 | 6.8 | 5.5 | 200.5 | 140.9 |
| Fortuna | 5.1 | 7.8 | 3.8 | 4.6 | 5.7 | 4.1 | 4.6 | 120.3 | 118.6 |
| Ernest | 10.1 | 11.4 | 11.0 | 10.0 | 10.7 | 5.5 | 3.2 | 161.9 | 82.0 |
| Corbin | | | | | | | 2.4 | | 61.3 |
| Hank | | | 1.2 | 1.7 | 2.2 | 2.3 | 2.0 | 66.6 | 50.3 |
| Amidon | 7.8 | 6.2 | 4.0 | 3.0 | 2.5 | 1.8 | 1.6 | 53.9 | 40.1 |
| Scholar | 0.5 | 1.9 | 3.0 | 2.2 | 1.6 | 0.4 | 1.3 | 12.4 | 33.3 |
| Westbred 936 | 1.5 | 1.1 | 1.1 | 0.9 | 1.0 | 0.7 | 1.0 | 21.7 | 24.6 |
| Parshall | 0.5 | 1.4 | 1.6 | 1.1 | 0.9 | 0.8 | 0.9 | 22.2 | 22.1 |
| NorPro | | | | | | | 0.7 | | 17.9 |
| Outlook | | | | | | 0.5 | 0.6 | 16.1 | 16.0 |
| Glenn | | | | | | | 0.6 | | 14.9 |
| Freyr | | | | | | | 0.6 | | 14.8 |
| Westbred 926 | 1.8 | 1.5 | 1.1 | 0.9 | 0.8 | 0.7 | 0.5 | 21.7 | 12.6 |
| Gunner | | 0.4 | 8.0 | 0.5 | 0.7 | | 0.4 | | 11.6 |
| Westbred Rambo | 3.2 | 3.8 | 2.7 | 3.2 | 1.1 | 1.2 | 0.4 | 36.4 | 11.4 |
| Lew | 1.2 | 1.8 | 2.8 | 2.4 | 1.4 | 0.8 | 0.4 | 23.1 | 10.9 |
| Len | 1.2 | 8.0 | 0.5 | 0.5 | 0.5 | 0.8 | | 22.8 | |
| Newana | 0.6 | 0.3 | 0.3 | 0.5 | 0.3 | 0.4 | | 12.7 | |
| Alsen | | | | | | 0.3 | | 7.6 | |
| Grandin | 1.3 | 1.3 | 1.0 | 0.8 | 0.4 | 0.5 | | 15.0 | |
| Keene | 0.7 | 0.3 | | | | 0.3 | | 8.5 | |
| Other & Unknown | 8.8 | 7.1 | 7.1 | 6.2 | 6.2 | 6.7 | 9.3 | 198.6 | 236.2 |
| All Varieties | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 2,950.0 | 2,550.0 |

| · | | _ | Percent of | Total Seeded | Acreage | | | Seeded Ac | res (000) |
|-----------------|-------|-------|------------|--------------|---------|---------|-------|-----------|-----------|
| Variety | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 1/ | 2007 | 2006 1/ | 2007 |
| Mountrail | 9.6 | 26.9 | 35.7 | 42.1 | 52.9 | 52.6 | 41.8 | 210.5 | 221.3 |
| Kyle | 45.3 | 40.2 | 38.0 | 34.1 | 21.4 | 15.7 | 14.7 | 62.8 | 77.9 |
| Lebsock | | 0.3 | 3.4 | 2.3 | 5.4 | 10.1 | 11.6 | 40.5 | 61.3 |
| Alzada | | | | | 1.3 | 4.8 | 8.2 | 19.0 | 43.5 |
| Pierce | | | | | 1.3 | 5.6 | 5.0 | 22.3 | 26.3 |
| Dilse | | | | | | 0.8 | 2.6 | 3.0 | 13.8 |
| Grande D'Oro | | | | | | | 1.7 | | 9.2 |
| Ward | 3.1 | 2.8 | 2.4 | 2.8 | 1.7 | 2.3 | 1.5 | 9.3 | 7.8 |
| Strongfield | | | | | | | 1.2 | | 6.5 |
| Monroe | 3.3 | 1.2 | 3.4 | 1.7 | 1.9 | 0.6 | 1.2 | 2.6 | 6.5 |
| AC Avonlea | 3.9 | 3.4 | 4.3 | 7.2 | 5.3 | 2.3 | 1.0 | 9.3 | 5.1 |
| Divide | | | | | | | 0.7 | | 3.7 |
| Grenora | | | | | | | 0.5 | | 2.8 |
| Vic | 1.6 | 1.4 | | 0.7 | 0.9 | 0.9 | 0.3 | 3.7 | 1.8 |
| Crosby | 0.3 | 0.3 | 0.4 | 0.2 | 0.3 | | 0.2 | | 0.9 |
| Maier | 0.8 | | 0.3 | 0.4 | 0.6 | 0.8 | | 3.0 | |
| Ben | 8.0 | 5.6 | 4.3 | 2.6 | 0.8 | 0.1 | | 0.4 | |
| Other & Unknown | 24.1 | 17.9 | 7.8 | 5.9 | 6.2 | 3.4 | 7.8 | 13.6 | 41.6 |
| All Varieties | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 400.0 | 530.0 |

| | | 1 | Winter Wh | eat: 200 | 6 Seede | d Acrea | ge and F | Percent | of Total | Seeded | by Distri | cts 2/ | | | | |
|------------------------|-----------|-----------|--------------|------------|----------|-----------|----------|---------|----------|--------|-----------|---------|-------|-------|---------|-------|
| | North | nwest | North C | entral | Nortl | neast | Cen | tral | Sout | hwest | South (| Central | Sout | heast | State 7 | Total |
| Variety 1/ | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % |
| Rampart | 0.0 | 0.0 | 337.5 | 29.3 | 6.9 | 8.7 | 20.5 | 5.1 | 1.4 | 6.2 | 6.3 | 3.2 | 2.0 | 2.3 | 374.6 | 19.2 |
| CDC Falcon | 0.9 | 8.7 | 139.4 | 12.1 | 2.1 | 2.6 | 52.1 | 13.0 | 3.8 | 16.7 | 13.8 | 7.0 | 0.0 | 0.0 | 212.1 | 10.9 |
| Neeley | 0.0 | 0.0 | 41.5 | 3.6 | 4.0 | 5.0 | 97.8 | 24.4 | 15.3 | 66.4 | 20.1 | 10.2 | 3.3 | 3.8 | 182.0 | 9.3 |
| Tiber | 0.0 | 0.0 | 43.8 | 3.8 | 17.7 | 22.4 | 14.0 | 3.5 | 0.5 | 2.1 | 46.3 | 23.5 | 16.4 | 18.6 | 138.7 | 7.1 |
| Morgan | 0.0 | 0.0 | 123.3 | 10.7 | 10.2 | 12.9 | 2.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 3.0 | 138.5 | 7.1 |
| Rocky | 0.0 | 0.0 | 125.6 | 10.9 | 3.2 | 4.1 | 9.6 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 138.4 | 7.1 |
| Jaqalene | 0.0 | 0.0 | 33.4 | 2.9 | 0.9 | 1.2 | 73.8 | 18.4 | 0.0 | 0.0 | 12.0 | 6.1 | 0.0 | 0.0 | 120.1 | 6.2 |
| Promontory | 2.3 | 23.2 | 1.2 | 0.1 | 0.1 | 0.1 | 28.5 | 7.1 | 0.3 | 1.4 | 30.9 | 15.7 | 4.8 | 5.4 | 68.1 | 3.5 |
| Pryor | 0.5 | 4.5 | 28.8 | 2.5 | 0.0 | 0.0 | 29.3 | 7.3 | 1.1 | 4.6 | 3.2 | 1.6 | 1.7 | 1.9 | 64.6 | 3.3 |
| Vanguard | 0.0 | 0.0 | 43.8 | 3.8 | 0.0 | 0.0 | 10.8 | 2.7 | 0.0 | 0.0 | 1.2 | 0.6 | 0.0 | 0.0 | 55.8 | 2.9 |
| Big Sky | 0.0 | 0.0 | 41.5 | 3.6 | 1.9 | 2.4 | 9.6 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.0 | 2.7 |
| Ledger | 0.0 | 0.0 | 40.3 | 3.5 | 0.0 | 0.0 | 7.2 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5 | 2.4 |
| Genou | 0.0 | 0.0 | 36.9 | 3.2 | 0.1 | 0.1 | 5.6 | 1.4 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 42.6 | 2.2 |
| Redwin | 0.0 | 0.0 | 6.9 | 0.6 | 5.9 | 7.5 | 2.4 | 0.6 | 0.0 | 0.0 | 9.7 | 4.9 | 8.2 | 9.3 | 33.1 | 1.7 |
| Winalta | 0.0 | 0.0 | 0.0 | 0.0 | 7.8 | 9.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 13.4 | 19.6 | 1.0 |
| Judith | 0.0 | 0.0 | 19.6 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.6 | 1.0 |
| Prowers 99 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.7 | 9.5 | 0.0 | 0.0 | 18.7 | 1.0 |
| Tomahawk | 0.0 | 0.0 | 2.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.6 | 5.9 | 0.0 | 0.0 | 13.9 | 0.7 |
| Quantum 542 | 0.0 | 0.0 | 10.4 | 0.9 | 0.0 | 0.0 | 2.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.4 | 0.6 |
| Nufrontier** | 0.0 | 0.0 | 10.4 | 0.9 | 0.0 | 0.0 | 0.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.2 | 0.6 |
| Nuwest ** | 0.0 | 0.0 | 4.6 | 0.4 | 0.0 | 0.0 | 2.0 | 0.5 | 0.0 | 0.0 | 4.1 | 2.1 | 0.0 | 0.0 | 10.7 | 0.5 |
| Nuhorizon** | 0.0 | 0.0 | 9.2 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.2 | 0.5 |
| Big Horn | 0.0 | 0.0 | 1.2 | 0.1 | 0.8 | 1.0 | 6.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.7 | 8.6 | 0.4 |
| Other & Unknown | 6.3 | 63.6 | 50.4 | 4.4 | 17.4 | 22.1 | 26.6 | 6.6 | 0.6 | 2.4 | 19.1 | 9.7 | 36.6 | 41.6 | 157.0 | 8.1 |
| All Varieties | 10.0 | 100.0 | 1,152.0 | 100.0 | 79.0 | 100.0 | 401.0 | 100.0 | 23.0 | 100.0 | 197.0 | 100.0 | 88.0 | 100.0 | 1,950.0 | 100.0 |
| 1/ Hard red variety un | less othe | erwise no | oted. 2/ Rev | vised. **\ | Nhite wh | eat varie | ty. | | | | | | | | | |

| | | | Spring V | Vheat: 2 | 006 Seede | ed Acrea | ge and l | Percent | of Total | Seeded | by Distri | cts 2/ | | | | |
|---------------------|----------|----------|-----------|----------|-----------|----------|----------|---------|----------|--------|-----------|---------|-------|-------|---------|-------|
| | North | west | North C | entral | North | east | Cen | tral | Sout | nwest | South (| Central | Sout | heast | State 1 | Γotal |
| Variety 1/ | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % | (000) | % |
| Reeder | 1.7 | 5.8 | 10.5 | 1.0 | 709.3 | 51.1 | 47.7 | 22.6 | 0.0 | 0.0 | 9.7 | 12.7 | 34.2 | 24.4 | 813.1 | 27.6 |
| McNeal | 0.5 | 1.7 | 145.2 | 13.8 | 334.5 | 24.1 | 65.4 | 31.0 | 17.3 | 32.1 | 29.3 | 38.5 | 35.6 | 25.4 | 627.8 | 21.3 |
| Choteau | 0.0 | 0.0 | 356.6 | 33.9 | 86.1 | 6.2 | 28.5 | 13.5 | 4.2 | 7.8 | 6.8 | 8.9 | 4.9 | 3.5 | 487.1 | 16.5 |
| Conan | 0.0 | 0.0 | 190.4 | 18.1 | 5.6 | 0.4 | 2.7 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.3 | 200.5 | 6.8 |
| Ernest | 0.0 | 0.0 | 108.4 | 10.3 | 40.3 | 2.9 | 6.5 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 6.7 | 4.8 | 161.9 | 5.5 |
| Fortuna | 1.8 | 6.3 | 110.5 | 10.5 | 4.2 | 0.3 | 2.5 | 1.2 | 0.0 | 0.0 | 0.5 | 0.6 | 0.8 | 0.6 | 120.3 | 4.1 |
| Hank | 10.7 | 36.8 | 17.9 | 1.7 | 2.8 | 0.2 | 21.7 | 10.3 | 8.0 | 14.9 | 5.5 | 7.3 | 0.0 | 0.0 | 66.6 | 2.3 |
| Amidon | 0.0 | 0.0 | 11.6 | 1.1 | 38.9 | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 2.4 | 53.9 | 1.8 |
| Westbred Rambo | 0.0 | 0.0 | 31.6 | 3.0 | 4.2 | 0.3 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.4 | 1.2 |
| Lew | 0.0 | 0.0 | 13.7 | 1.3 | 6.9 | 0.5 | 0.0 | 0.0 | 1.8 | 3.3 | 0.7 | 0.9 | 0.0 | 0.0 | 23.1 | 0.8 |
| Len | 0.0 | 0.0 | 0.0 | 0.0 | 20.8 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 1.4 | 22.8 | 0.8 |
| Parshall | 0.0 | 0.0 | 0.0 | 0.0 | 22.2 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.2 | 0.8 |
| Westbred 926 | 3.5 | 11.9 | 0.0 | 0.0 | 0.0 | 0.0 | 10.8 | 5.1 | 0.3 | 0.5 | 3.3 | 4.4 | 3.8 | 2.7 | 21.7 | 0.7 |
| Westbred 936 | 2.3 | 8.0 | 3.2 | 0.3 | 0.0 | 0.0 | 1.7 | 8.0 | 9.5 | 17.6 | 0.0 | 0.0 | 5.0 | 3.6 | 21.7 | 0.7 |
| Outlook | 0.0 | 0.0 | 3.2 | 0.3 | 9.7 | 0.7 | 2.7 | 1.3 | 0.0 | 0.0 | 0.5 | 0.6 | 0.0 | 0.0 | 16.1 | 0.5 |
| Grandin | 0.0 | 0.0 | 0.0 | 0.0 | 5.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.4 | 6.7 | 15.0 | 0.5 |
| Newana | 0.3 | 1.0 | 1.1 | 0.1 | 2.8 | 0.2 | 4.4 | 2.1 | 0.0 | 0.0 | 2.7 | 3.6 | 1.4 | 1.0 | 12.7 | 0.4 |
| Scholar | 0.1 | 0.5 | 3.2 | 0.3 | 6.9 | 0.5 | 1.7 | 0.8 | 0.0 | 0.0 | 0.5 | 0.6 | 0.0 | 0.0 | 12.4 | 0.4 |
| Keene | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 5.1 | 8.5 | 0.3 |
| Alsen | 0.0 | 0.0 | 0.0 | 0.0 | 6.9 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.5 | 7.6 | 0.3 |
| Other & Unknown | 8.1 | 28.0 | 44.9 | 4.3 | 78.9 | 5.7 | 14.1 | 6.6 | 12.9 | 23.8 | 16.5 | 21.9 | 23.2 | 16.6 | 198.6 | 6.7 |
| All Varieties | 29.0 | 100.0 | 1,052.0 | 100.0 | 1,388.0 | 100.0 | 211.0 | 100.0 | 54.0 | 100.0 | 76.0 | 100.0 | 140.0 | 100.0 | 2,950.0 | 100.0 |
| 1/ Hard red variety | unless o | therwise | noted. 2/ | Revised. | | | | | | | | | | | | |

| Durun | Durum Wheat: 2006 Seeded Acreage and Percent of Total Seeded by Districts 1/ | | | | | | | | | | | | |
|-----------------|--|--------|-------|-------|---------|----------|-------|-------|--|--|--|--|--|
| | North C | entral | North | east | Other D | istricts | State | Total | | | | | |
| Variety | (000) | % | (000) | % | (000) | % | (000) | % | | | | | |
| Mountrail | 0.0 | 0.0 | 207.8 | 56.0 | 2.7 | 67.5 | 210.5 | 52.6 | | | | | |
| Kyle | 6.8 | 27.0 | 56.0 | 15.1 | 0.0 | 0.0 | 62.8 | 15.7 | | | | | |
| Lebsock | 1.2 | 4.7 | 39.3 | 10.6 | 0.0 | 0.0 | 40.5 | 10.1 | | | | | |
| Pierce | 0.0 | 0.0 | 22.3 | 6.0 | 0.0 | 0.0 | 22.3 | 5.6 | | | | | |
| Alzada | 16.8 | 67.0 | 2.2 | 0.6 | 0.0 | 0.0 | 19.0 | 4.8 | | | | | |
| AC Avonlea | 0.0 | 0.0 | 9.3 | 2.5 | 0.0 | 0.0 | 9.3 | 2.3 | | | | | |
| Ward | 0.0 | 0.0 | 9.3 | 2.5 | 0.0 | 0.0 | 9.3 | 2.3 | | | | | |
| Vic | 0.0 | 0.0 | 3.7 | 1.0 | 0.0 | 0.0 | 3.7 | 0.9 | | | | | |
| Dilse | 0.0 | 0.0 | 3.0 | 0.8 | 0.0 | 0.0 | 3.0 | 0.8 | | | | | |
| Maier | 0.0 | 0.0 | 3.0 | 0.8 | 0.0 | 0.0 | 3.0 | 0.8 | | | | | |
| Monroe | 0.0 | 0.0 | 2.6 | 0.7 | 0.0 | 0.0 | 2.6 | 0.6 | | | | | |
| Ben | 0.0 | 0.0 | 0.4 | 0.1 | 0.0 | 0.0 | 0.4 | 0.1 | | | | | |
| Other & Unknown | 0.2 | 1.3 | 12.1 | 3.3 | 1.3 | 32.5 | 13.6 | 3.4 | | | | | |
| All Varieties | 25.0 | 100.0 | 371.0 | 100.0 | 4.0 | 100.0 | 400.0 | 100.0 | | | | | |
| 1/ Revised. | _ | | _ | | | | | | | | | | |